

SEQUENCE LISTING

<110> Rory A.J. Curtis and M. Alexandra Glucksmann

5 <120> Isolated Proteins and Nucleic Acid Molecules Having  
Homology to NIP2 Proteins and Uses Thereof

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 35 Ala Pro Glu Ile Asn Ile Ser Leu Asp Gln Ser Glu Gly Ser Leu Leu  
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| 10 | Arg   | Arg          | Arg | Met | Pro | Gly | Ile | Gly | Trp | Leu | Lys | Lys | Cys | Tyr | Gln | Met |    |
|    |       |              |     | 245 |     |     |     |     |     | 250 |     |     |     |     | 255 |     |    |
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| 15 |       |              |     | 260 |     |     |     |     | 265 |     |     |     |     |     | 270 |     |    |
|    | Pro   | Ser          | Trp | Phe | Ile | Arg | Thr | Val | Leu | Ala | Ile | Ser | Arg | Pro | Phe | Ile |    |
|    |       |              | 275 |     |     |     |     |     | 280 |     |     |     | 285 |     |     |     |    |
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|    |       | 290          |     |     |     |     | 295 |     |     |     |     | 300 |     |     |     |     |    |
|    | Leu   | Glu          | Gln | Leu | Ile | Pro | Met | Glu | His | Val | Gln | Ile | Pro | Asp | Cys | Val |    |
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| 25 | Leu   | Gln          | Tyr | Glu | Glu | Glu | Arg | Leu | Lys | Ala | Arg | Arg | Glu | Ser | Ala | Arg |    |
|    |       |              |     | 325 |     |     |     |     |     | 330 |     |     |     |     | 335 |     |    |
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|    | Ala   | Pro          | Val | Glu | Asn | Arg | Ser | Ala | Leu | Val | Ser | Glu | Asp | Gln | Glu | Thr |    |
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| 50 | Met   | Gly          | Thr | Thr | Glu | Ala | Thr | Leu | Arg | Met | Glu | Asn | Val | Asp | Val | Lys |    |
|    | 1     |              |     |     | 5   |     |     |     |     | 10  |     |     |     | 15  |     |     |    |
|    | gag   | gaa          | tgg | cag | gac | gaa | gat | ctt | ccc | agg | cca | ctc | cca | gaa | gag | acg | 96 |
| 55 | Glu   | Glu          | Trp | Gln | Asp | Glu | Asp | Leu | Pro | Arg | Pro | Leu | Pro | Glu | Glu | Thr |    |
|    |       |              |     | 20  |     |     |     |     | 25  |     |     |     |     | 30  |     |     |    |

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|    | Ser | Asp | Asp | Phe | Leu | Asp | Thr | Pro | Asp | Asp | Leu | Asp | Ile | Asn | Val | Asp |     |
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| 20 | gac | atc | gag | acc | ccc | gat | gag | acc | gac | tgc | ctg | gag | ttc | ctg | ggg | aat | 336 |
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|    |     |     |     | 100 |     |     |     | 105 |     |     |     |     |     | 110 |     |     |     |
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|    | Gly | Asn | Glu | Leu | Glu | Trp | Glu | Asp | Asp | Thr | Pro | Val | Ala | Thr | Ala | Lys |     |
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|    | Asn | Met | Pro | Gly | Asp | Ser | Ala | Asp | Leu | Phe | Gly | Asp | Gly | Thr | Thr | Glu |     |
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|    | Glu | Gln | Glu | His | Arg | Ile | Asp | Leu | His | Met | Ile | Arg | Pro | Tyr | Met | Lys |     |
|    |     |     |     | 165 |     |     |     | 170 |     |     |     |     |     | 175 |     |     |     |
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|    | Val | Val | Thr | His | Gly | Gly | Tyr | Tyr | Gly | Glu | Gly | Leu | Asn | Ala | Ile | Ile |     |
|    |     |     |     | 180 |     |     |     | 185 |     |     |     |     |     | 190 |     |     |     |
| 50 | gtc | ttc | gca | gcc | tgc | ttc | ctt | cca | gac | agc | agc | ctc | ccc | gac | tac | cac | 624 |
|    | Val | Phe | Ala | Ala | Cys | Phe | Leu | Pro | Asp | Ser | Ser | Leu | Pro | Asp | Tyr | His |     |
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|    | Tyr | Ile | Met | Glu | Asn | Leu | Phe | Leu | Tyr | Val | Ile | Ser | Ser | Leu | Glu | Leu |     |
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|    | Leu | Val | Ala | Glu | Asp | Tyr | Met | Ile | Val | Tyr | Leu | Asn | Gly | Ala | Thr | Pro |     |
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|    |  |      |
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|    | Ile Asp Arg Arg Leu Arg Lys Asn Leu Lys Ser Leu Ile Ile Val His  |      |
|    | 260 265 270  |      |
| 5  | ccc tcg tgg ttc att cgg act gtg ctg gcc atc tct cgc cct ttc atc  | 864  |
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|    | 275 280 285  |      |
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|    | 290 295 300  |      |
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| 20 | ctg caa tac gaa gag gaa aga ctg aag gcc agg agg gag agc gcg agg  | 1008 |
|    | Leu Gln Tyr Glu Glu Arg Leu Lys Ala Arg Arg Glu Ser Ala Arg      |      |
|    | 325 330 335  |      |
|    | ccc cag ccg gag ttt gtg ctg ccc agg tct gaa gag aag cca gag gtg  | 1056 |
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|    | 340 345 350  |      |
| 25 | gca cca gtg gaa aac agg tct gct ctg gtc tca gaa gat cag gaa aca  | 1104 |
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|    |   |     |
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|    | Glu   | Gly          | Val | Leu | Ser | Pro | Ser | Ala | Ala | Asp | Met | Arg | Pro | Glu | Pro | Pro |     |
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